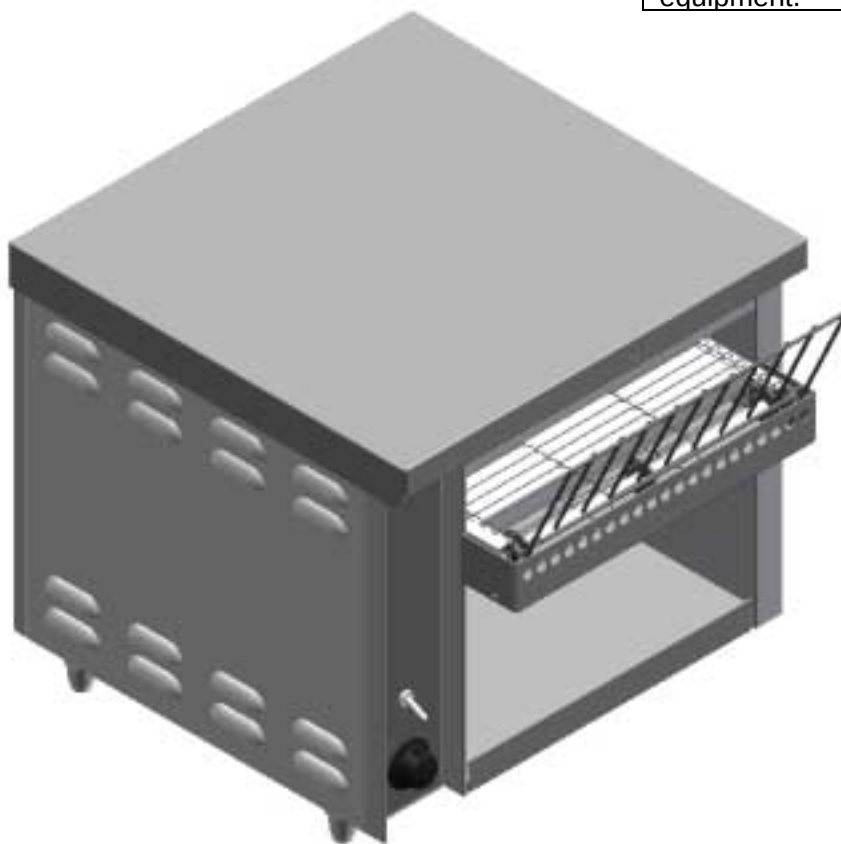




# AT EXPRESS™ HORIZONTAL CONVEYOR TOASTER OWNERS/SERVICE MANUAL

## WARNING

Improper installation, operation, service, or maintenance can cause property damage and/or result in personal injury. Read this manual thoroughly before installing, operating, or servicing this equipment.



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## SAFETY PRECAUTIONS

APW Wyott toasters are designed, built, and sold for commercial use. If positioned where the general public can use them, make sure that all cautions, warnings, and operating instructions are clearly posted near each unit to insure proper operation, reduce the chance of personal injury and/or equipment damage.

## WARNINGS

Do not allow untrained personnel to operate toaster.  
Do not use toppings (butter, etc.) on product as product is inverted during normal operation.  
Always disconnect power before cleaning or servicing the toaster.  
Never clean the toaster by immersing it in water.  
Operating toaster without legs invalidates any warranty claims.  
Neglecting to keep fan opening clean could result in toaster failure.  
Operating toaster without Reflector Tray reduces toasting capabilities.  
Failure to provide clearances will cause unit failure and invalidate warranty claims (see installation instructions).

## GENERAL INFORMATION

- I. Consult rating label for model and serial number, write this information below before proceeding.
  - A. Model # \_\_\_\_\_
  - B. Serial # \_\_\_\_\_
- II. Overall Dimensions w/Wire Feeder - 13.250"H (33.7cm) x 15.045"W (38.2cm) x 17.188"D (43.7cm)
- III. Product Opening - 1.50"H (3.8cm) x 10.50"W (26.7cm)
- IV. Productivity (per hour) - results will vary depending on line voltage and bread dryness.
- V. Electrical Requirements
  - A. Single phase, 120 volts, 1800 watts, 15 amps.
  - B. Cordset configuration
    1. Each toaster equipped with three wire grounded cordset and standard three-prong plug.
    2. In the United States, four foot cordset with NEMA 5-15P plug.
    3. In Canada, six foot cordset with NEMA 5-20P plug.
- VI. Net/Shipping Weight – 28 lb.(12.7kg) / 33 lb.(14.97kg)

## INSTALLATION INSTRUCTIONS

- I. Check Contents - refer to Figure 1, account for the following parts:

- A. Toast Drawer - shipped in place
- B. Reflector Tray - shipped in place
- C. Wire Feeder - inside Reflector Tray
- D. Instruction Manual - shipped loose

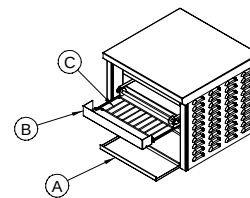


Figure 1

- II. Position Wire Feeder - refer to Figure 2

- A. Pull out Reflector Tray
- B. Rotate Wire Feeder
- C. Slide Reflector Tray back
- D. WARNING: Operating toaster without Reflector Tray reduces toasting capabilities.

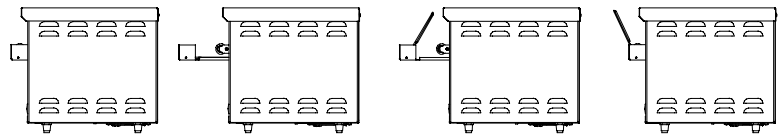


Figure 2

- IV. Toaster Placement

- A. Locate toaster near a grounded receptacle of the proper configuration (see below). Plug the cordset directly into receptacle (DO NOT USE AN EXTENSION CORD).
  1. In the United States, NEMA 5-15R.
  2. In Canada, NEMA 5-20R.
- B. Place toaster on flat surface providing following minimum clearances:
  1. Base = one inch (provided with legs installed).
  2. Side and back walls = two inches
  3. Overhead = Enough space to allow adequate heat displacement.
  4. WARNING: Failure to provide these clearances will cause unit failure and invalidate warranty claims.
- C. Position toaster where customers will not contact any surface labeled "CAUTION HOT".

## **OPERATION INSTRUCTIONS**

- I. Preparation
  - A. Clean toaster thoroughly before first use (See cleaning instructions).
  - B. Controls Familiarity
    - 1. Main Power Switch - two (2) position toggle switch
      - a) Full Power: flip toggle switch up.
      - b) Power Off: flip toggle switch down.
    - 2. Conveyor Speed Control: Set knob to the three (3) position for warm-up.
  - C. Warm-up time: Allow five (5) minutes.
- II. Normal Use
  - A. Loading Product
    - 1. Place product on Wire Feeder. The conveyor will automatically draw product through the toaster at a speed determined by conveyor speed control.
  - B. Toasting Darkness: determined by conveyor speed.
    - 1. Darkest toasting - set conveyor speed control to one (1).
    - 2. Lightest toasting - set conveyor speed control to ten (10).
    - 3. Other factors affecting toasting darkness.
      - a) Product moistness - moister product requires slower speeds
      - b) Sugar content in product - product with more sugar requires slower speeds
      - c) Product Temperature - cooler product requires slower speeds
    - 4. For best results, use day old bread stored room temperature.

## **CLEANING INSTRUCTIONS**

- I. Daily Cleaning
  - A. With toaster off and cool, turn toaster on and set conveyor speed to four.
  - B. Using a plastic abrasive pad, wipe the conveyor belt in a back and forth motion (side-to-side) motion to remove baked-on product. Wipe the conveyor belt in the same manner with a hot, damp cloth.
  - C. Turn off toaster.
  - D. Slide the reflector/crumb tray out of toaster by pulling forward. Dispose of crumbs and wash tray in hot, soapy water. Dry tray and place back in toaster.
  - E. Remove toast drawer from toaster by sliding out and lifting up. Dispose of crumbs and wash drawer in hot, soapy water. Wipe crumbs from inside the toaster with a hot, damp cloth. Dry drawer and place back in toaster.
  - F. Wipe the exterior surfaces of the toaster with a hot, damp cloth.
- II. Periodic Cleaning
  - A. Conveyor Belt
    - 1. Remove conveyor belt from toaster.
    - 2. Use pliers to bend a link to the inside until the hook clears the link above.
    - 3. Repeat on other side.
    - 4. Pull the loosened links together and slide through center of belt link.
    - 5. Clean belt thoroughly (See item 2 under "daily cleaning").
    - 6. Install conveyor belt by reversing order of steps noted above (See item 1).
  - B. Cooling Intake Fan
    - 1. Unplug and lay toaster on side.
    - 2. Brush dirt and debris from fan opening and guard.
    - 3. WARNING: Neglecting to keep fan opening clean could result in toaster failure.

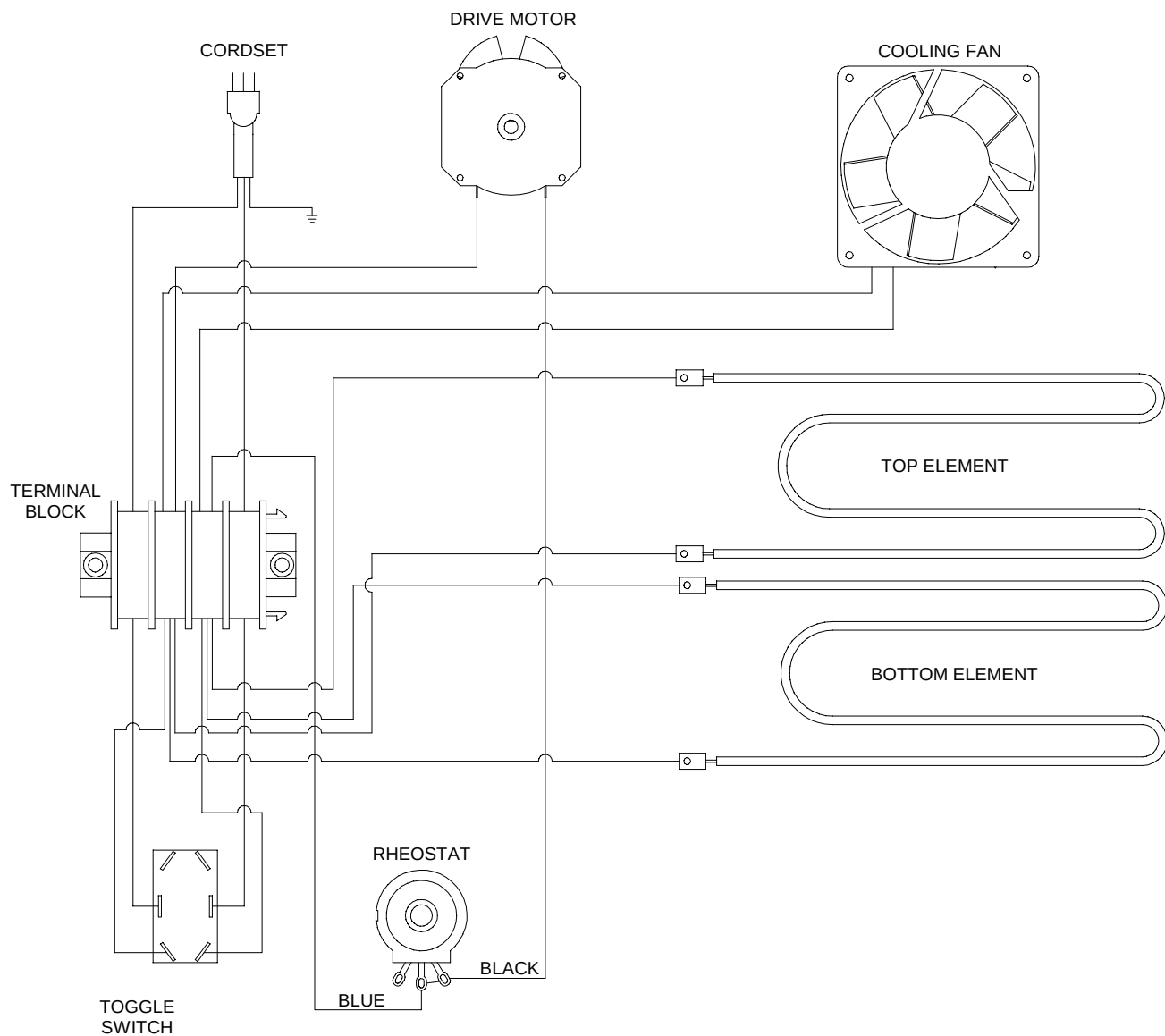
## TROUBLESHOOTING

- I. Always ask and check the following:
  - A. Is the unit connected to a live power source?
  - B. Check the circuit breaker.
  - C. Is power switch on?
  - D. Is the unit operating on proper voltage?
- II. If problems exist after checking the above, check the chart below.
- III. If any service is needed (*italicized items*), call an APW Wyott authorized service agency.  
All service should be performed by an APW Wyott authorized service agency.

| THE PROBLEM                           | THE CAUSE                                                                                                                                                                                                                                                   | THE SOLUTION                                                                                                                                                                                                             |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Won't toast...                        | a. Toaster cold.<br>b. Wrong power switch position.<br>c. Wrong conveyor speed setting.                                                                                                                                                                     | a. Allow five (5) minutes for warm up.<br>b. Position power switch to full power.<br>c. Reduce conveyor speed.                                                                                                           |
| Toasts unevenly...                    | d. Only part of product surface is toasted.<br>e. Product located too far to side of conveyor.                                                                                                                                                              | d. Reduce conveyor speed.<br>e. Place product on conveyor between end links.                                                                                                                                             |
| Product sticks to conveyor or slide.. | f. Butter or butter substitute used on product.<br>g. Conveyor surface has baked-on oil residue.<br>h. Very moist or doughy product.<br>i. Product not defrosted or thawed.                                                                                 | f. Discontinue use of butter or butter substitute.<br>g. Follow daily cleaning methods to remove & prevent residue.<br>h. Use different source or day old product.<br>i. Defrost/thaw product.                           |
| No power...                           | j. No power to receptacle.<br>k. Toaster unplugged.<br><i>l. Loose connections.</i><br>m. Power switch.                                                                                                                                                     | j. Check circuit breaker.<br>k. Plug in toaster.<br><i>l. Check connections.</i><br>m. Check that switch is on & operational.                                                                                            |
| Won't heat...                         | <i>n. Loose connections.</i><br><i>o. Faulty power switch.</i><br><i>p. Burnt out element.</i>                                                                                                                                                              | <i>n. Check connections.</i><br><i>o. Replace power switch.</i><br><i>p. Replace element.</i>                                                                                                                            |
| Lighter toast under peak loads...     | q. Speed control setting.<br>r. Very moist product.<br>s. Product too cold.<br>t. Toaster cavity temperature being quenched.                                                                                                                                | q. Reduce speed control setting.<br>r. Use different source or day old product.<br>s. Allow product to warm to room temperature.<br>t. Add 1" or more spacing between product.                                           |
| Conveyor won't move...                | u. No power.<br>v. Conveyor links are binding.<br><i>w. Drive chain too loose or too tight.</i><br><i>x. Loose or bad connection between speed control and conveyor motor.</i><br><i>y. Conveyor motor burnt out.</i><br><i>z. Speed control burnt out.</i> | u. Check circuit breaker.<br>v. Check conveyor for bent links.<br><i>w. Adjust drive chain.</i><br><i>x. Check for loose or bad connection.</i><br><i>y. Replace conveyor motor.</i><br><i>z. Replace speed control.</i> |

**IMPORTANT NOTICE:**

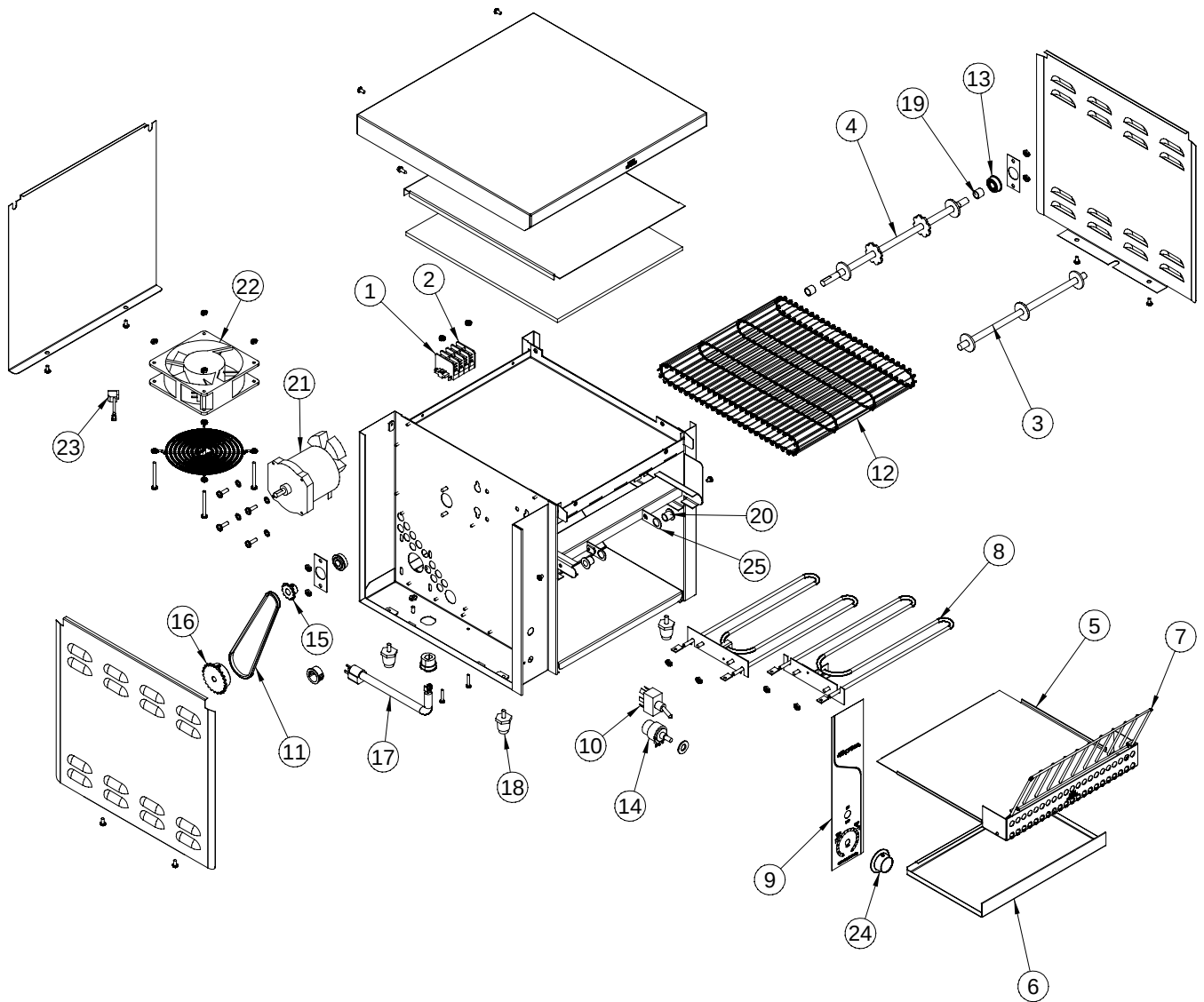
The information contained in this section of the manual is intended for individuals possessing backgrounds of electrical and mechanical experience, such as an authorized APW Wyott service technician. APW or the seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

**WIRING DIAGRAM**

### REPLACEMENT PARTS LIST

| ITEM | P/N    | DESCRIPTION                                 | QTY |
|------|--------|---------------------------------------------|-----|
| 1    | 34236  | TERMINAL BLOCK END MTG                      | 1   |
| 2    | 34237  | TERMINAL BLOCK (6) .250 MALE                | 4   |
| 3    | 38122  | W'ASSY IDLER SHAFT                          | 1   |
| 4    | 83956  | DRIVE SHAFT ASSEMBLY                        | 2   |
| 5    | 38128  | TRAY REFLECTOR                              | 1   |
| 6    | 38129  | TOAST DRAWER                                | 1   |
| 7    | 38131  | WIRE FEEDER                                 | 1   |
| 8    | 54087  | ELEMENT 120V 720W                           | 2   |
|      | 54089  | ELEMENT 230V 720W                           | 2   |
| 9    | 58167  | LABEL CONTROL PANEL                         | 1   |
| 10   | 67005  | TOGGLE SWITCH                               | 1   |
| 11   | 82902  | CHAIN, ¼" DRIVE 67 PITCH                    | 1   |
| 12   | PS0018 | WIRE BELT                                   | 1   |
| 13   | 83248  | BEARING SHAFT                               | 2   |
| 14   | 83255  | RHEOSTAT 120V CLAROSTAT                     | 1   |
|      | 83331  | RHEOSTAT 120V OHMITE                        | 1   |
|      | 83273  | RHEOSTAT 240V CLAROSTAT                     | 1   |
|      | 83333  | RHEOSTAT 240V OHMITE                        | 1   |
| 15   | 83260  | DRIVE SPROCKET 18 TOOTH ¼ PITCH 5/16 BORE   | 1   |
|      | 83209  | DRIVE SPROCKET 23 TOOTH ¼ PITCH 5/16 BORE   | 1   |
| 16   | 83261  | CONVEYOR SPROCKET 12 TOOTH ¼ PITCH 3/8 BORE | 1   |
| 17   | 83266  | POWER CORD 120V 20 AMP PLUG                 | 1   |
|      | 83277  | POWER CORD 230V CEE/7 SCHUKO                | 1   |
| 18   | 83267  | LEG 1" CHROME                               | 4   |
| 19   | 83868  | CONVEYOR SHAFT SPACER                       | 2   |
| 20   | 38125  | BEARING FLANGED POLYMER                     | 1   |
| 21   | 85152  | MOTOR 115V 60HZ 3RPM                        | 1   |
|      | 85144  | MOTOR 230V 50HZ 3RPM                        | 1   |
| 22   | 85286  | COOLING FAN                                 | 1   |
| 23   | 85288  | FAN CORD                                    | 1   |
| 24   | 88705  | KNOB                                        | 1   |
| 25   | 89111  | STRAIN RELIEF                               | 1   |

# EXPLODED VIEW



## **WARRANTY POLICY**

APW Wyott warrants to the original owner/user that all commercial cooking equipment shall be free of defects in material and workmanship under normal use and service for a period of one year from the original date of purchase. Warranty service will be provided on the customer's premises for the *AT EXPRESS™* models. This warranty includes parts, standard straight time labor charges, approved travel time charges and approved mileage, and excludes all other charges. This warranty does not cover any cost associated with installation or calibration, or any damages resulting from accident, alteration, misuse, abuse, negligence, wrong voltage, flood, fire, acts of God, improper installation, failure to properly maintain or failure to operate strictly in accordance with instructions and does not apply if the serial number or model number has been removed or altered. This warranty is valid only when (1) the equipment is purchased and retained for use within the United States or Canada; (2) the repair of defects is performed by APW Wyott or by an APW Wyott authorized service agency; and (3) all replacement parts are approved APW Wyott parts. This is the only warranty made in connection with the sale of the equipment as specified above and all other expressed, statutory and implied warranties, including without limitation, all implied warranties of merchantability are expressly denied. In no event shall the user be entitled to recover incidental or consequential damages, including but not limited to, damages for inconvenience, rental or replacement equipment, loss of profits, or other commercial loss (all to the extent permitted by law).

## **WARRANTY PROCEDURE**

If warranty service is needed on your *AT EXPRESS™*, follow these steps:

1. Secure the model and serial number from the rating label on your toaster.
2. Consult the enclosed directory, find the service agency nearest you, call the number listed or the 24-hour toll free service hot line, 1-800-733-2203. If there is not a service agency listed for your area, the parts distributor will provide service for your toaster.
3. To order parts consult the enclosed directory. The parts distributor is listed at the beginning of each state listing. The parts distributors have a complete stock of parts for your toaster.